



W2NPT

The Resonator

Volume 2, Number 6

www.FairLawnARC.org

June 2017

The Official Newsletter of The Fair Lawn (NJ) Amateur Radio Club

From The President:

To all FLARC Members and Friends,

To all our members, past, present and future!

The Club had a very busy month of May. I would like to thank Gordon W2TTT for his in-depth presentation on the communications aspect of the New York City Marathon and the use of the sophisticated and complex equipment setups providing the necessary security and communications. I also want to thank Gordon for his ongoing willingness to Elmer new prospective hams and current club members.

The club also participated and provided communications during the Fair Lawn Memorial Day Parade which went on rain or shine and it certainly did rain. I want to thank everyone for their dedication and respect to our service men and women currently serving and in the past. The teamwork of the club members made the participation a success. Going forward there is the Fair Lawn Street Fair June 11th and the BIG event, Field Day, June 24th & 25th followed by the fireworks on June 29th, celebrating the Fourth of July in the Borough of Fair Lawn.

At all times, Thank You.

Judith. KC2LTM
President

New Member Profile

NAME: **Carol Van Savage** CALL: **KD2NMV**

What do you do/what did you do for a living?

I have been selling real estate for 30 years for Century 21 Gemini LLC in Wayne. I'm a member of the Passaic County Board of Realtors.

Before real estate, I worked in the export business of truck parts and with Wall Street stock brokerages.

How did you get interested in ham radio?

Van (W2DLT) invited me to last year's Field Day. I then attended the presentation put on by he and his wife Lori on Cuba earlier this year and I was hooked.

What parts of the hobby most interest you?

I'm pretty new at this but contesting and the opportunity to do volunteer work for the club has the most appeal right now.



Carol KD2NMV

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The Club

Fair Lawn ARC is the friendliest ham club around, with five operating stations in a permanent clubhouse. Visitors and guests are always welcome. The club is open every Friday night from NLT 6:30 PM. Business meetings are the first Friday of the month at 7:30PM.

2017 Officers and Committees

President	Judith Shaw	KC2LTM
Vice President	Fred Wawra	W2ABE
Treasurer	Nancy Beattie	N2FWI
Secretary	Randy Smith	WU2S
Trustee	J Cooper	W2JC
Trustee	Dave Marotti	NK2Q
Trustee	Steve Wraga	WA2BYX
Field Day	Steve Wraga	WA2BYX
Health and Welfare	Al Rasmussen	WA2OWL
Speakers	Lowell Vant Slot	W2DLT
Publicity	Ed Efchak	WX2R
Publicity	Gene Ottenheimer	WO2W
Publicity	Susan Frank	W6SKT
Program	Lowell Vant Slot	W2DLT
Publicity	Al Rasmussen	WA2OWL
Publicity	Karl Frank	W2KBF
Publicity	Judith Shaw (ex officio)	KC2LTM
Social Media	Dave Marotti	NK2Q
Video/YouTube	Thom Guida	N2DI
Contest	Tom Stefanic	N2ST
VE Liaison	Gene Ottenheimer	WO2W
VE Liaison	Pete Senesi	KD2BMX
Education	Gordon Beattie	W2TTT
Education	Fred Wawra	W2ABE
History	Gene Ottenheimer	WO2W
History	Lowell Vant Slot	W2DLT
History	Rosalyn Roimisher	KD2GKA
Photographer	Don Cassarini	N2PRT
W2NPT Trustee	Paul Cornett	W2IP
Technical	Paul Cornett	W2IP
Technical	Randy Smith	NU2S
RACES Liaison	Steve Wraga	WA2BYX
Newsletter Editor	Ed Efchak	WX2R

Member Profile (Continued)

What does FLARC mean to you?

Again, I'm new but just meeting other people interested in amateur radio--it's the networking.

What should be the club's priorities in the next year?

I feel the club should focus on getting more visibility in town and the surrounding areas and recruiting new members.

What else can you tell the club about yourself and/or ham radio?

I am a dedicated collector of "stuff" that I donate to local charities and I'm devoted to it. If you have things that have some potential value (or not), see me and they'll help do some good.

What other ham related clubs or organizations do you belong to?

None right now but I will be looking to join the club in Fairfield(NJ) as well as FLARC.

Save The Date: June 11th

Fair Lawn Street Fair Is Coming!!

We're looking for volunteers- 11AM to 5PM to help run a station and greet visitors. See Judith or Ed for details.



2016 Street Fair/Plaza Road and Fair Lawn Avenue in Radburn

MASTER EVENT CALENDAR

June 11	Fair Lawn Street Fair
June 16	Program : FLARC Field Day 2017
June 24-25	Field Day
June 30	Fair Lawn Fireworks
July 16	VanFest II, Long Valley, PA
July 21	A Look Back: FLARC Over The Years
August 18	Program TBA
August 19-20	North American SSB QSO Party
September 16-17	NJ QSO Party
September 23	Portable Day With BARA
October 15	Fair Lawn Street Fair

Upcoming Activities

TBA	Radio Astronomy and Amateur Radio
TBA	Fall Portable Day With BARA
TBA	W1TP Enigma Presentation w/Fair Lawn Public Library



Hidetsugu Yagi's 130th Birthday Google Doodle

Follow FLARC ON THE WEB

Facebook:

<https://www.facebook.com/OfficialFLARC/>

Twitter: @FairLawnARC

Blog: <http://blog.FairLawnARC.org>

Youtube: <http://youtube.FairLawnARC.org>

FLARC VEC Exams

Our next test session is scheduled for **Saturday, June 10th** beginning at 09:00 at the Community Center. No advanced registration is required but always appreciated. The fee is \$15.00 (cash or check).

Please bring positive identification (license, passport, etc.), your original license and a copy, original CSCE and a copy (if credit is needed).

The full exam schedule is on the club calendar at the FairLawnARC.org website. For further information contact VE-Liason@FairLawnARC.org.

Please refer also to the "License Exams" link on the main website--

<http://testing.FairLawnARC.org>

We appreciate your support of the Fair Lawn Amateur Radio Club!
This is your Club! Be part of it!

Spring Portable Day 2017

With the wind and heavy rain it was more "potable" day than "portable" for the annual Spring event with BARA. A tough crowd to brave the elements and make some contacts. Here is a big thanks to the following for being part of the day:

Gary, N2DVL, Skip, KD2BRV, Randy, WU2S, Jim, K2ZO, Bennett, KO2OK, Bruce, W2SE, Steve, WI2W, Harry, KB3PQP, Bill, KB2OCJ, Larry, WA2ALY, David, N8MAR, Judith, KC2LTM, Carol, KD2NMV, Nisatirut, KD2JIO (and daughter), Karl, W2KBF, Brian, KD2KLN, Dave, KD2MOB, Ed, WX2R, Dan, WA2CLP, Roy KD2CMS, Gordon, W2TTT, with an adult Scout Leader & Scouts, Rob, KC2ORX, George, W3EH (and Pincus), and...who did we miss??



Gordon (W2TTT) and scouts join in to participate



"Indoor" antennas were the order of the day



Bill, Randy (WU2S), Dave (KD2OMB) and Kevin?



Portable Day up and running!



Skip and Larry (WA2ALY) keep warm and keep operating



Brian's (KD2KLN) set up at the site

TNX PIX N8MAR, W2KBF, WX2R

Field Day Is Coming!!

What: A combination of public service, emergency preparedness, community outreach, and technical skills all in a single event.

When: June 24-25, 2017

Where: Memorial Park, Fair Lawn

Who: FLARC members , friends, and guests

Why: A demonstration of FLARC's skill and service to our local communities and our nation.

Preparations are on-going and please plan to help with set-up and operating. See Steve (WA2BYX), Tom (N2ST) or Jim (W2JC) for further details. Thanks for joining the FD Organizing Group!

Have fun! Get involved!!



Set-up for Field Day 2016

Deep Technical Discussion Held At The May 12th Meeting



2017 FLARC Speaker Series Locations:

SPEAKERS WHO ARE FLARC MEMBERS:

FLARC CLUBHOUSE

SPEAKERS WHO ARE INVITED GUESTS:

FAIR LAWN SENIOR CENTER

Pirate Of The Pourtales Terrace

Tom (N2ST) returned from Bahamas and Florida snowbirding at the 12 May meeting. Welcome back!!



Tom (N2ST)

May 2017 Blog Traffic

Page views set a 2017 record and visitor traffic was up significantly against the same month last year. Here is the data:

	May 2017	May 2016	Change
Views	602	229	+163%
Visitors	121	68	+78%
Posts	13	10	+30%

And we continue to grow!! There is new content nearly every day so it's really worth the look to both FairLawnARC.org and the blog.

<http://blog.FairLawnARC.org>

Congratulations!!

Pete (KD2BMX) reports the results of the May 13, 2017 FLARC VEC Amateur Radio Exam Session:

Total Number of Candidates served: 3

NAME	CALL SIGN	LICENSE EARNED
Robert Disiena	KD2NOG	General
John Bicks	KD2NOH	Technician
Tony DiMaggio	KD2NOI	Technician

Congratulations to all!! And thanks to the gaggle of VEs who participated.

North Jersey's Ham Marketplace!

Check Out The Blog For Good Stuff
Best Area Resource Around!!

BEQUEATHS AND DONATIONS

Planned gifts usually imply the family donation of amateur equipment to the club when someone has become a Silent Key. But it can be more. Club members might consider making a gift through a will or trust; gifts that help provide lifetime income to the club. Consult with your lawyer, estate planner or tax advisor if you feel such a gift is worthy.

About The Club

The Resonator is published monthly and is the official (and only) newsletter of The Fair Lawn Amateur Radio Club. FLARC was established in 1956 and has met continuously since inception.

The club meets every Friday at 7PM at the club station in The Fair Lawn Community Center, 10-10 20th Street, Fair Lawn, NJ. Business meetings are the first Friday of the month at 7:30 PM.

Visitors are always welcome at our meetings.

FLARC operates the W2NPT repeater (145.470- PL 167.9) located atop the Community Center. The analog repeater is open to all amateurs for use without restrictions.

The club has approximately 100 members.
Dues are currently \$25 per year.

For more information, please see our website, at

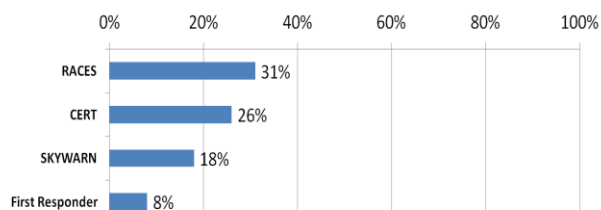
<http://membership.FairLawnARC.org>

From The FLARC Member Survey:

As an ARRL Special Service club, FLARC members have a specific responsibility in helping to serve the community.

According to our January 2017 membership survey, six in ten respondents claim to belong to service organizations such as CERT, SKYWARN, and/or RACES.

Here is the distribution by organization/agency:



Source: FLARC member survey, January 2017

Conducted in January 2017

Don't Forget VanFest II

July 16th at Van's (W2DLT) QTH in the Poconos. See him for details.



FAIR LAWN'S TECHNOLOGY HOUSE!



Getting Licensed in Taiwan (Republic of China)

By Kai Chen K2TRW/BM2NHC

On a recent trip to visit relatives in Taiwan, I successfully passed the Third Class Amateur Radio Licensing Exam and received my operator and station licenses. The entire experience gave me a greater appreciation of our amateur radio privileges in the USA.

Some background: [Taiwan](#) (IARU Region 3; Prefix known as BV [actual space BM~BQ, BU~BX]; UTC+8) is approximately 150 miles East of the mid-Southern coast of China. The capital city Taipei is in the North and occupies approximately the same latitude as Key Largo, FL. The regulatory agency is called National Communications Commission, or NCC.

The history of amateur radio in BV is brief. Until laws governing amateur radio (literally translated as industrial surplus radio), were established in the 1990s, civilians could not own radio transmitters. Even after several revisions over the years, the [rules and regulations](#) seem arbitrary and contradictory. Unlicensed operation by 'sausages' (as opposed to licensed 'hams') especially on VHF and UHF bands are reportedly rampant due to equipment widely available for industrial use. To me, this just increases the mystery and intrigue for licensure.

Foreign guests may apply for a [temporary operating permit](#), but they are paired with a host sponsor and limited to using the host's registered equipment, meaning at the host QTH with the host acting as control operator. Approval is generally granted but not guaranteed. BV has no agreements in place with any other jurisdiction for operation.

Currently there are [three license classes](#): First, Second and Third. The Third Class is somewhat equivalent to the Technician in USA but the privileges carry far more restrictions: Two 12.5kHz slivers on 6m; 2MHz on 2m and 2MHz on 70cm. Maximum RF output is 25W. All repeaters are reportedly to be of the simplex, store-and-forward variety. HF operation requires a second class or higher license. Interestingly, second class also has open microwave privileges. While First Class operators do not enjoy additional spectrum, they are allowed higher power output on certain bands. To qualify for a first class license, one must operate as a second class for at least one year.



Kai K2TRW/BM2NHC

The third class test takes 35 questions out of a 360 question subset of a 691 question pool. The second and first class test take 40 and 50 questions respectively out of the full 691 question pool. The testing is administered via computer with the 40 minute time limit enforced. Passing score is 25, 32 and 40 correct questions answered respectively. The second class license also requires the correct copy of fifteen sets of 5 character sets at 15wpm Morse Code in three minutes, administered via computer separately. Cost for each test attempt is New Taiwan (NT)\$700 (US\$23.33).

Test materials include BV rules and regulations; ITU rules and regulations; electronics theory and radio theory. The written exam is offered only in Chinese and administered on Mondays (for third class candidates) at the National Communications Commission (NCC) office in Taipei, a short walk from the metro (subway).

Getting Licensed in Taiwan (Republic of China)

By Kai Chen K2TRW/BM2NHC

2 of 2

Since my Chinese reading comprehension is generally considered subpar, I had to prepare to pass. The [official question pool](#) booklet may be purchased from the NCC for a fee. Fortunately I found two online resources, the [site operated by the NCC](#) in the same format as the actual test and a [site run by an independent ham](#) BM4IKM that offer practice exams. That and heavy use of online translation utility helped me to prepare and provide the necessary feedback to determine readiness. At least the schematics were universal. I started preparing in January and in so doing, increased my word recognition vocabulary by some 300 characters.

I walked into the NCC office on the morning of April 24, some 16 hours after arriving in Taipei from Newark via San Francisco. I had a real scare when a note on the door of the test area said that the third class test pool increased from 360 to 382. After spending 23 minutes, I submitted my test and the results were returned near instantly: Fortunately, I passed on the first attempt.



To receive a call sign requires a station license. For practicality, I chose a portable station license costing NT\$500 (US\$16.67). Portable station licenses allow 25W maximum output regardless of license class. I purchased a basic radio (UV-5R clone) for NT\$1260 or US\$42 from a licensed radio shop with the proper regulatory labels. The NCC representative took the radio, plugged it into a power meter and keyed up. After reading the indicated output frequency and output power, the radio was returned. My portable station license is registered with the model and serial number of my new radio. Licensees are allowed up to 5 transmitters per portable station license.

So there you have it: Total Licensing cost \$40; Total Equipment cost \$42. All that just to use Echolink with my local call sign BM2NHC on the FLARC Monday evening net Tuesday morning at the airport just before returning to Newark. Hopefully I will work the USA with a real radio.

Postscript - [ARRL news release](#) indicated that major overhaul in Taiwan Amateur Radio Regulations is underway.

Tech Talk June 2017

Dayton Hamvention Update

There were a lot of goodies to drool over at the new location in the Greene County Fairgrounds. Hamvention had many more vendors that it had in recent years. The clean and attractive buildings did a lot to make the experience very enjoyable.

Since FLARC is going to offer an end-fed antenna kit for sale soon, a comparison with a commercial offering may be helpful. The PackTenna and PackTenna Mini are sold by George KJ6VU, of Workbench 360 podcast fame, and Nick N3W G¹.



PackTenna Mini

Looking for a better antenna for your HT? The usual replacements for the standard factory supplied rubber duck can't compare to the Super-elastic Signal Stick from Signal Stuff². You can even tie this antenna in knots and it won't break.

Signal Stuff also hosts the always free HamStudy.org website where you can prepare for your license upgrade³.



Signal Stick



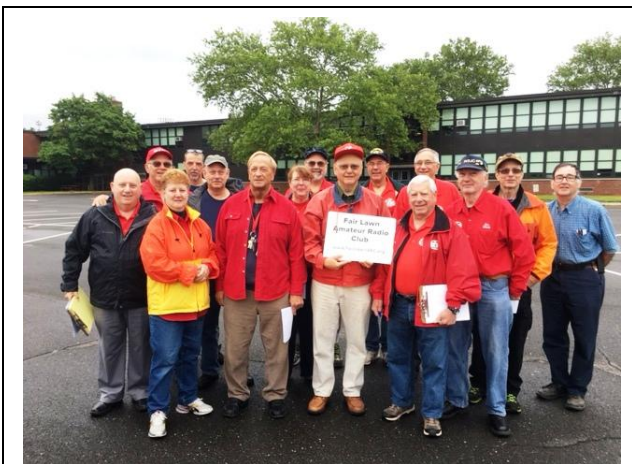
Pack Tenna

Portable in-the-field operation seems to be growing in popularity. Just look at the recent National Parks on the Air events and our joint FLARC-BARA semi-annual portable day. Addressing the demands of this market is CommsToGo who offer a variety of versatile go-bags and boxes⁴.



2017 Memorial Day Parade

Despite some nasty weather, the annual Fair Lawn Memorial Day parade went off without a hitch thanks to our communications network of volunteers. Thanks to all!!



A Great Turnout By The Club!



The FLARC float courtesy of W2TTT



The N2DI-mobile was one of six in the parade

A Tip Of The FLARC Cap: Thanks To Wayne Electronics

The club would like to thank Wayne Electronics for their donation of parts and supplies for our antenna and other projects. They are located at 615 Route 23 South in Pompton Plains. Their phone is [\(973-839-5888\)](tel:973-839-5888). When you go, Fred (W2ABE) may be behind the counter.



Wayne Electronics

Tnx Pix WX2R

Veep Beeps

Fair lawn Amateur Radio Club has a lot of activities in the works for early summer! We had a surprisingly good turnout of the public for the Memorial Day parade in which the club participated. Next is the Street Fair then the big one, Field Day followed up by the Independence Day fireworks at Memorial Park. This plus much more to come!

Fred, W2ABE

Welcome New Members!!

Welcome aboard!! Get involved!!

	Raffer, Jeremy
	Stavitsky, Joseph
N2HIP	Attilio, Robert
KD2BKD	Holstrom, Robert
KD2NOG	DiSiena, Robert

Spring 2017 Portable Day Soapbox

MERCI BEAUCOUP, for taking the time and making the effort, clearing your calendar, interrupting your schedule so as to make a 10 Meter (28.375 MHZ) portable day QSO with me.

We were able to expose several non-hams, new hams, non HF hams, and inactive hams to both SSB, and CW QSO'S.

Let them see what a 10 Meter Dipole looks like.

Let them see that Low power (25/5 watts) is all you need.

The station consisted of a Realistic HTX 100, a band pass filter, a manual antenna tuner going to a portable 10 meter dipole between two trees, in the rain.

My crock pot, full of beans and franks, went over well.

Thanks and regards,
Larry, WA2ALY

Portable Day 2017



Judith (KC2LTM) and Skip (KD2BRV)

See RED!! Get A FLARC Shirt!!

Nothing says "club" or "tribe" like our official colors.

Go to www.hamthreads.com or visit <http://apparel.FairLawnARC.org> to check out the item selection that is posted on the FLARC website (with pictures and prices). Order the shirts or other items you want with either the regular FLARC logo or the still-cool 60th anniversary logo.

Note:

RED is the primary and preferred club brand standard

Notes From All Over

Thom (N2DI), Steve (WI2W) and Ed (WX2R) took part in the Northern Highlands HS STEM meet in Allendale on May 16th. Steve was the Head Judge and did an outstanding job.

The Monday night 8pm net continues to grow with new check-ins nearly every week.

Gone to Dayton---Van (W2DLT), Kai (K2TRW), Randy (WU2S) and a number of other members attended Dayton (now Xenia) Hamvention so look and listen for their reports.

Thanks to Gordon (W2TTT), Nancy (N2FWI) and Jim (W2JC) for participating with the Red Cross in last month's Operation Gotham Shield.

Jim (W2JC) received a SIXTY YEAR membership pin from ARRL in the postal mail today ...quite a nice surprise !

Dave (N8MAR) recently upgraded to Extra and has now changed his call to **NK2Q**.

Dave (KD2MOB), Tom (N2ST) and Ed (WX2R) have become trained Skywarn spotters after their course completion on June 1st.

The Original W2JC: On May 26th, we had a couple of visitors, and one of them was a mature gentleman in a wheelchair (W2OJ) who said he used to be the trustee of club call W2JC back in the 30s when it was the Bloomfield ARC !! So that's where it went!

Theoretics Demystified

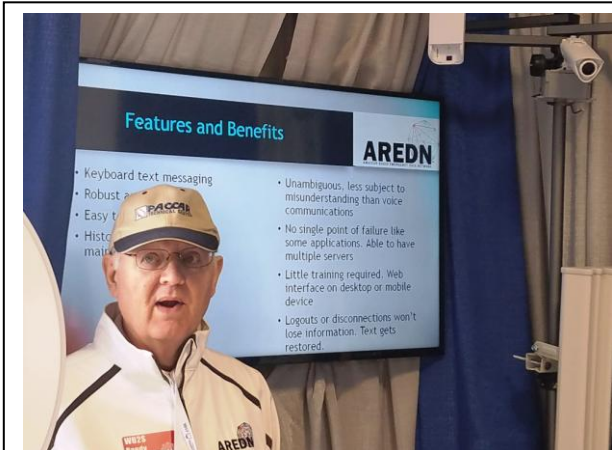
This month we look at diodes, what are they and what types. A diode is a device with two (di)ode (like) active elements that lets current pass more easily in one direction than the other. In a tube the electrons are 'boiled out of the cathode and the current flows from the hot cathode to the plate but cannot flow back from the 'cold' plate.

In a solid state diode the cathode has an excess of electrons and the anode has a lack of them (or holes). This leaves a 'depletion region' which has neither holes nor electrons. A positive voltage at the anode shrinks the depletion region and current flows. A negative voltage at the anode enlarges the depletion region and little or no current flows. When a diode conducts because of positive voltage applied to the anode it is said to be forward biased, and when the voltage is reversed and no current flows it is said to be reverse biased. This is an important feature that makes diodes useful in converting alternating current to direct current and this is used in power supplies and to detect signals in radio circuits. Diodes also have a peak reverse breakdown voltage and can be used like capacitors (to a point). There are many types and rating of diodes including light emitting types.

DE Fred W2ABE

WU2S Lectures At Dayton Hamfest

Kudos to Randy for a slick AREDN presentation at Dayton!



Randy (WU2S) At Dayton

Tnx Pix W2DLT

Tech Talk (Continued)

Finally, in this brief roundup is the vendor AirSpy, who sells high-tech Software Defined Radio (SDR) receivers. They are based in the USA and sell units that cover a wide range of frequencies⁵.



Hamvention was an overwhelming success this year. While the final numbers are not yet available, there seemed to be over 25,000 people in attendance. I am already planning next year's trip and hope to see you there.

73,
Randy WU2S

References

- 1) <http://packtenna.com/>
- 2) <https://signalstuff.com/>
- 3) <https://hamstudy.org/>
- 4) <http://commstogo.com/>
- 5) <https://v3.airspy.us/>

Article on end fed antenna theory and pics
Also Bitx40 SSB transceiver, maybe next month?

STEMs and Pieces

Steve (W12W) was the chief judge at two local school STEM events during May and early June in Waldwick and Allendale.

A thanks to helpers N2DI, NK2Q AND WX2R for providing their judging talents and learning alot about the program at the same time.

June 2017 Meeting Notes

President Judith KC2LTM called the meeting to order at 7:37 p.m.

The members rose and recited the Pledge of Allegiance.

President Judith KC2LTM asked if there were any visitors present or any license upgrades. Dave, formerly N8MAR, upgraded to Extra and has a new callsign NK2Q. Visiting the club were Roy WB2EOD and Dara KC2THQ, Peg KD2MYN, Rob KD2NOG and Bob N2HIP. New member Bob KD2BKD was present. President Judith KC2LTM asked the Secretary if we had a quorum present. Secretary Randy WU2S called the roll of officers and trustees and all were present. There was a quorum present to conduct club business.

Secretary Randy WU2S announced that the minutes from the May meeting were emailed to all members and that they had also been published in the latest edition of the club's newsletter, The Resonator. He asked the members present if there were any corrections or amendments needed. There were none so Fred W2ABE moved to accept the minutes as published and Skip KD2BRV seconded the motion. The motion passed by acclamation.

Treasurer Nancy N2FWI presented a financial report. The club's finances are where they should be for this time of year. She said that an updated member roster would be available soon after a few corrections.

President Judith KC2LTM read a letter to the club from Jim Graff, Superintendent of Recreation and Parks, thanking FLARC for its participation in the recent Memorial Day Parade.

Ed WX2R reported for the Publicity Committee that Field Day preparations are similar to last year. Congressman Gottheimer has been invited but we have yet to receive a confirmation from his office. Fair Lawn officials will be present. Ed announced that the club would review all Field Day plans in detail on Friday June 16. Ed said that the committee has lined up several speakers for future dates and is trying to get a speaker to present information on the upcoming solar eclipse on August 21.

June 2017 Meeting Notes (2)

President Judith KC2LTM announced that the Fair Lawn Street Fair will be on Sunday, June 11 and that FLARC will have a booth and canopy at the event. Ed WX2R noted that we will operate a 2-meter station and have video content playing. Van W2DLT asked about the location of the fair. President Judith KC2LTM said that the Street Fair will be at the intersection of Fair Lawn Avenue and Plaza Road. Ed WX2R said that we will setup at 9:00 a.m. and maintain our presence at the Fair until closing at 5:00 p.m. Karl W2KBF said that Larry WA2ALY would be there with his popular Morse Code demonstration.

Randy WU2S reported for the Technical Committee that Paul W2IP is proposing a solution to the noise on the W2NPT repeater. The W2NPT repeater currently uses CTCSS/PL tone for access but, sometime soon Paul W2IP plans to change to Digital Coded Squelch (DCS). This is because the digital noise that appears on our input somehow mimics PL tones and this permits the noise to be re-transmitted. Paul will send an e-mail to the general membership once this is done. You may want to check your radios to verify that they support DCS (most newer radios including Baofeng will be OK). It probably will be DCS code D047N.

Steve WA2BYX said that Paul W2IP is looking to do the rooftop antenna repair on a Saturday in the near future.

A Look Back

Can it be a year already? Don't forget to make it to Field Day!! Field Day 2016...



June 2017 Meeting Notes (3)

President Judith KC2LTM announced that the Field Day event will be on Saturday and Sunday, June 24-25, in Fair Lawn's Memorial Park at the West end of Berdan Avenue. Gene WO2W said that he will contact Jim Graff to arrange for keeping the restrooms open overnight.

Tony N2SIQ suggested that we consider displaying an SDR receiver output on a large video monitor to raise interest among the visitors. Ed WX2R said that this might be a promising idea for the Street Fair too. Fred W2ABE said that he has monitors that he can loan to the club for events.

President Judith KC2LTM asked for any more old business.

Steve WA2BYX noted that we had a communication glitch during the Memorial Day Parade. At some point the W2NPT repeater became unreachable and communicators in the parade vehicles needed to use the simplex frequency. Steve said that we need to make sure that each vehicle has operators with dual channel capability – both the W2NPT repeater and the simplex frequency. This could be either through a dual channel radio or two radios separately. Karl W2KBF noted that during the annual fireworks display, the W2NPT repeater is not usable from Memorial Park due to QRM from the police and fire radios, so a simplex frequency should be our choice during that event.

President Judith KC2LTM announced that the annual Fair Lawn Fireworks display will be on June 29 this year.

President Judith KC2LTM asked for any new business, noting that we have already discussed the street fair, fireworks and Field Day.

Brad KD2GNY said that he may have a demonstration of a satellite station available for the Street Fair event. and possibly Field Day ?

June 2017 Meeting Notes (4)

Vice-President Fred W2ABE noted that we need volunteers for Field Day tasks. Please see Fred or Gene WO2W to volunteer. Steve WA2BYX said that we will move Field Day equipment up from the basement storage on either Tuesday or Wednesday, June 20 or 21. It is a lot easier to move equipment when there are fewer people in the Community Center. We will load the trucks on Friday evening, June 23 and bring the gear to Memorial Park on Saturday morning.

Karl W2KBF asked what Field Day committees needed volunteers. President Judith KC2LTM listed the various committees. Jim W2JC said that there is a Field Day Survey form on the FLARC website blog www.fairlawnarc.org which members should use to identify where they are willing to help. He noted that while we have 115 members, only 13 so far have volunteered for tasks. Jim said he would send out another email reminder asking for help.

Ed WX2R told the audience that Field Day is a wonderful opportunity for our newer members to have fun and learn more about amateur radio. Tom N2ST stated that Field Day is a low-stress chance to get on the air and learn different operating modes with high-quality mentoring. Karl W2KBF explained that amateurs with a Technicians license can operate voice on the HF spectrum and help the club gather additional points too. Bennet KO2OK informed us that Techs could operate on the frequencies reserved for higher-class licenses.

President Judith KC2LTM announced that Van W2DLT had received some recognition recently. Van displayed two awards he received from the Frankford Radio Club, which is a well-established contesting club. He got a most improved award and recognition for the number of new recruits he brought in.

President Judith KC2LTM asked the members and guests in the overflow crowd to briefly introduce themselves with their name, callsign and home location.

June 2017 Meeting Notes (5)

Ed WX2R announced that he and several other members attended the recent SkyWarn severe weather training and became SkyWarn Spotters. In addition to Ed, other new spotters are Thom N2DI, Dave KD2MOB, Tom N2ST and Bob N2HIP.

Thom N2DI noted that he attended an excellent presentation from an Orange and Rockland Power company speaker on electric powerline safety. He suggested that we invite the speaker to do a presentation for the club. Kevin KC2KCC said that he works with the presenter that Thom heard and helps conduct the electrical safety session. Kevin said that he would make arrangements for the talk.

Brad KD2GNY asked about a Safety Officer for Field Day. President Judith KC2LTM said that John KC2OCD is the overall safety officer for the event and will be present overnight and through Sunday. She stressed the importance of refueling the portable generator safely by shutting it down before opening the fuel tank.

Van W2DLT announced that the Sussex Hamfest will be on July 16 this year. He and his wife Lori invite all FLARC members to visit them at their Lords Valley, PA home after the hamfest for a picnic. Please see Van for directions.

Having no further business, President Judith KC2LTM asked for a motion to adjourn. Gene WO2W so moved and Nancy N2FWI seconded the motion. The members present voted in favor and the meeting was adjourned at 8:33 p.m.

Respectfully submitted,

Randy WU2S, Secretary



What's In Your Logbook?

Pete KD2BMX sends along part of his May log...note the use of PSK under some relatively poor band conditions.

5/24/17 - 2232 UTC - E44WE 20M - PSK31 - Palestine

5/24/17 - 2224 UTC - LX/PF3X 20M - PSK31- Luxembourg

5/24/17 - 2110 UTC - TA7DX 20M -PSK31 - Turkey

5/23/17 - 1405 UTC - E31A 20M - CW - Eritrea

5/08/17 - 2230 UTC - CS8ABI 20M - PSK31 - Azores

5/08/17 - 2225 UTC - SV8RYI -20M - PSK31 - Greece

5/08/17 - 2201 UTC - YT7E 20M - PSK31 - Serbia

5/06/17 - 1923 UTC - E75C 20M - PSK31 - Bosnia-Herzegovina

5/04/17 - 1234 UTC - BD7IOP 20M - CW - China

5/04/17 - 1226 UTC - A25UK 20M - CW - Botswana

Thanks Pete!!

Congrats to Van W2DLT

During the Dayton Hamvention, our Van was honored by the Frankford Radio Club, the world's leading contest club for two outstanding achievements-- "Excellence in Recruiting" and "Most Improved" for personal contest performance. Great stuff!!



Van (W2DLT) displays his awards at the June business meeting

W2TTT Tells All (Or Most) About MESH And The New York City Marathon

About thirty FLARC members and guests packed the Card Room to hear Gordon Beattie speak about the use of MESH networking during the New York City Marathon.

In his usual comprehensive style, he walked through the MESH infrastructure for the event, the role of volunteers and the impact that amateur radio has in coordinating the activities of the Roadrunners Club of New York, the NYC Police Department and various other agencies that help produce the annual event.

Numerous questions also marked the evening and made a highly technical discussion highly comprehensible. A large measure of thanks to Gordon for his hard work and solid preparation of this presentation.



Gordon demonstrating during his presentation



Judith presents Gordon with a certificate of appreciation

Past FLARC Member Profiles

Here is a list of past member features and we welcome your recommendations for new profiles -- including your own.

Month	Name	Call Sign
January 2016	Pete	KB2BMX
February	Marco	KC2ZMA
March	Ron	KC2TBD
April	Kai	K2TRW
May	Larry	WA2ALY
June	Dave	NK2Q
July	Steve	WI2W
August	Thom	N2DI
September	Brian	KD2KLN
October	Brad	KD2GNY
November	Al	WA2OWL
December	George	W3EH
January 2017	Fred	W2ABE
February	Dave	KD2MOB
March	Randy	WU2S
April	Lee	KD2DRS
May	Gene	WO2W
June	Carol	KD2NMV

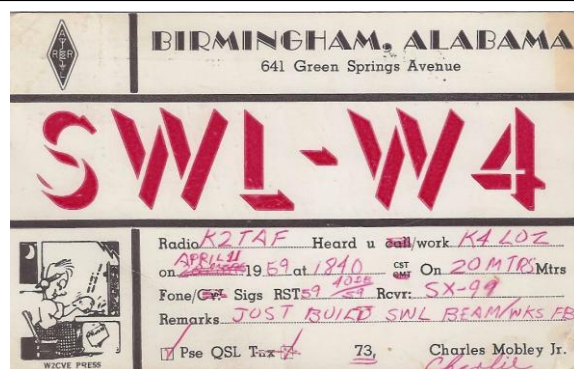
By the way, Randy (WU2S) has compiled a binder of all back issues of *The Resonator* and it's located in the club office. Thanks Randy!!! Back issues are also available on our website at:

<http://newsletters.FairLawnARC.org>

A Look Back

Back in the days when SWL's* (a route for many of us to hamdom) regularly QSL'ed hams ... here is a card from 1959.

*SWL=Short Wave Listener



From the K2TAF collection